

**FORM PTO-1449 U.S. Department of
Commerce Patent and Trademark Office**

ATTY. DOCKET NO.

SERIAL NO.

500.34521CC3

10/782,779

APPLICANT

H. OWASHI, et al

FILING DATE

February 23, 2004

GROUP



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/M.D./	T. Kimura, et al "Conditional Access Systems for Digital Broadcasting", NHK Science and Technical Research Laboratories, The Institute of Electronics Information and Communication Engineers Technical Report of IEICE, December 16, 1994, vol. 94, No. 411, pp. 49-56.
/M.D./	T. Yoshimura, et al "Special Issue, 3-4 MPEG Systems" in "Image Information Engineering and Broadcasting Technology", Journal of Institute of Television Engineers of Japan, vol. 49, No. 4, pp. 480-489, April 20, 1995.

EXAMINER /Mitiku Debelie/

DATE CONSIDERED 08/28/2007

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(Form PTO-1449 [6-4])

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	APPLICANT H. OWASHI, et al	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/M.D./	5 6 8 6 9 5 4	11/97	Yoshinobu et al			
/M.D./	6 1 6 3 6 4 4	12/00	Owashi et al	386	46	
/M.D./	6 3 2 1 0 2 5	11/01	Owashi et al	386	83	
/M.D./	5 5 5 5 4 4 1	9/10/96	Haddad	725	93	8/2/94
/M.D./	5 8 7 8 1 8 8	3/02/99	Amanda et al.	386	101	6/7/94
/M.D./	6 0 4 1 1 6 1	3/00	Oakamoto et al	386	112	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
							YES	NO
/M.D./	0	6 4 8 0 5 0 A 2	4/95	European			XX	
/M.D./	4	2 0 1 0 3 1 C 2	7/93	Germany				XX
/M.D./	0	7 1 0 7 4 4 8	4/95	Japan			XX	
/M.D./	0	6 3 0 3 5 4 3	10/94	Japan			XX	
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/M.D./	5 8 7 8 0 1 0	3/99	Oakamoto et al	369	59	8/15/95
/	5 2 2 4 0 8 7	6/93	Maeda et al	369	54	
/	4 9 4 5 5 6 3	7/90	Horton et al	380	5	
/	4 9 9 1 2 0 8	2/91	Walker et al	380	20	
/	5 0 4 6 0 9 2	9/91	Walker et al	380	20	
/	5 1 3 4 4 9 6	7/92	Schwab et al	380	5X	
/	5 4 1 8 8 5 3	5/95	Kanota et al	380	5	
/	5 4 9 7 4 2 0	3/96	Garneau	380	20	
/	5 5 5 5 3 0 8	9/96	Levien	380	20	
/M.D./	5 7 1 9 9 4 3	2/98	Amada et al	380	49	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
/M.D./	0 6 3 2 4 4 5	1/95	Europe	/	/		
/	9 6 0 4 7 5 3	2/96	WIPO	/	/		
/	5 1 7 4 4 9 6	7/93	Japan	/	/		
/	0 3 3 8 8 6 6	10/89	Europe	/	/		
/	0 4 5 0 8 4 1	10/91	Europe	/	/		
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/M.D./	"Data Compression and Digital Modulation", Nikkei BP, pp. 137-150.
/M.D./	Transactions The Institute of Television Engineers of Japan, vol. 46, No. 1, pp. 31-39, 1992.
/M.D./	Little, et al "A Digital on-Demand Video Service Supporting Content-Based Queries", ACM Multimedia 93, pp. 427-436, Jul. 1993.

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/M.D./	5 9 0 3 7 0 4	5/99	Owashi et al	386	95	
	3 7 7 3 9 7 9	11/73	Kirk, Jr. et al	348	724	
	4 5 9 1 9 2 4	5/86	Miura et al	358	330	
	4 8 0 7 0 5 5	2/89	Tsunoda et al	386	104	
	5 2 8 9 2 8 8	2/94	Silverman et al	386	97	
	5 3 1 3 3 4 2	5/94	Soda et al	360	63	
	5 3 1 9 5 0 1	6/94	Mitsubishi	386	101	
	5 3 5 9 4 2 8	10/94	Kubata et al	386	33	
	5 4 3 8 4 6 3	8/95	Nishiumi et al	386	96	
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/M.D./	5 5 4 8 4 1 0	8/96	Kim et al	386	104	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
/M.D./	0 5 8 9 4 5 9	3/94	European				
	0 6 0 6 1 8 0	94	European				
	4 2 1 9 6 1 3	92	Japan				
	5 2 0 7 5 0 7	8/93	Japan				
	0 6 1 8 6 9 5	10/94	European				
/M.D./	0 5 7 7 3 2 9	1/94	European				

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/M.D./	5 5 7 2 2 3 3	11/96	Yu	386	95	
	4 7 0 6 1 2 1	11/87	Young	358	142	
	4 9 7 7 4 5 5	12/90	Young	358	142	
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	5 4 7 9 2 6 8	12/95	Young et al	358	335	
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	4 9 0 8 7 1 3	3/90	Levine	358	335	
	4 9 6 3 9 9 4	10/90	Levine	358	335	
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	5 5 6 8 2 7 2	10/96	Levine	386	48	
/M.D./	4 6 9 4 4 9 0	9/87	Harvey	380	20	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
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/M.D./		Patent Abstract Japan, vol. 145, No. 66 (P-1003), 7 Feb. 1990 & KP 01 287857 A (Victor Company of Japan), 20 Nov. 1989 Abstract.
/M.D./		Patent Abstract of Japan, vol. 12, No. 486 (E-695), 19 Dec. 1988 & JP 63 202286 A (Matsushita Electric Industrial) 22 Aug. 1988.
/M.D./		Notification of European Publication Number and Information on the Application of Article 67(3) EPC and European Search Report dtd 1/15/99.
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	4 9 6 5 8 2 5	10/90	Harvey	380	9	
	5 1 0 9 4 1 4	4/92	Harvey	380	9	
	5 2 3 3 6 5 4	8/93	Harvey	380	20	
	5 0 3 8 2 1 1	8/91	Hallenback	358	142	
	5 2 9 3 3 5 7	3/94	Hallenback	348	734	
	5 5 9 6 5 8 1	1/97	Saeijis et al	386	104	
	5 4 3 2 6 4 6	6/95	Nakamura et al	386	104	
	4 6 3 1 6 0 3	12/86	Ryan	360	37.1	
	4 4 9 9 5 6 8	2/85	Gremillet	369	30	
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						YES	NO
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/M.D./	Grand Alliance HDTV System Specification (Draft Document) Submitted to the ACATS Technical Subgroup dated Feb. 22, 1994.
/M.D./	M. Harada, "5-3 Future View of CATV", Journal of the Institute of Television Engineers of Japan, vol. 47, No. 4; 1993, pp. 494-499.

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	5 5 6 5 9 2 4	10/96	Haskell et al	348	423	
	5 5 3 7 4 0 8	7/96	Branstad et al	370	79	
	5 4 7 7 3 9 6	12/95	Fukami et al	360	10.3	
	5 0 6 5 2 5 9	11/91	Kubota et al	386	7	
	5 5 7 2 3 3 3	11/96	Moriyama et al	386	98	
	5 8 1 5 6 3 4	9/98	Daum et al	386	96	
	5 5 4 1 7 3 8	7/96	Mankovitz	386	83	
	5 3 7 7 0 5 1	12/94	Lane et al	386	68	
	5 5 6 6 1 7 4	10/96	Sato et al	348	423	
/M.D./	5 5 0 2 5 7 3	3/96	Fujinami	386	98	

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/M.D./	4 3 3 5 2 7 1	5/94	German				
	9 1 0 2 4 1 9	2/91	PCT				
	9 5 2 7 9 7 7	10/95	PCT				
	0 6 2 4 9 8 3	5/94	European				
	0 6 0 2 8 9 7	12/93	European				
/M.D./	0 6 6 8 6 9 7	8/95	European				

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	5 4 8 8 4 0 9	1/96	Yuen et al	386	83	
	5 5 2 6 1 2 7	6/96	Yonetani et al	386	83	
	5 6 1 9 3 3 7	4/97	Naimpally	386	83	
	5 5 3 5 2 1 6	7/96	Goldman et al	348	423	
	5 4 6 7 3 4 2	11/95	Logston et al	370	17	
	5 4 8 8 4 0 9	1/96	Yuen et al	386	83	
	5 9 3 0 4 4 9	7/99	Hwang	386	83	
	5 5 2 6 1 3 0	6/96	Kim	360	69	
	5 9 0 5 8 4 4	5/99	Kimura et al	386	83	
/M.D./	5 5 0 2 4 9 7	3/96	Yamaashi et al	348	473	

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/M.D./	1 2 0 9 3 9 9	8/89	Japan			XX
/M.D./	1 3 0 7 9 4 4	12/89	Japan			XX

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